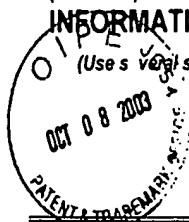


## INFORMATION DISCLOSURE CITATION

(Use a vertical line if necessary)

ATTY. DOCKET NO.  
4-30400/B  
APPLICATION NO.  
10/633,114  
APPLICANT  
O'REILLY ET AL.  
FILING DATE  
August 1, 2003

Group

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
al	AA	6,302,838B1	10/16/01	O'Reilly et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
al	AI	WO 98/25929	6/18/98	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AJ	WO 99/01124	1/14/99	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AK	WO 99/02514	1/21/99	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AL	WO 97/19086	5/29/97	PCT (w/ English abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AM	WO 93/10121	5/27/93	PCT (w/ English abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AN	41 38 042	5/27/93	Germany (w/ English abstract)				
	AO	WO 9907692	2/18/99	PCT (w/ English abstract)				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

al	AP	Balog et al., Tetrahedron Lett., Vol. 38(26), "Stereoselective Syntheses and Evaluation of Compounds in the 8-Desmethylepothilone A Series: Some Surprising Observations Regarding Their Chemical and Biological Properties," pp. 4529-4532 (1997)
	AQ	Blagosklonny et al., Cancer Res., Vol. 57, "Raf-1/bcl-2 Phosphorylation: A Step from Microtubule Damage to Cell Death," pp. 130-135 (1997)
	AR	Bollag et al., Cancer Res., Vol. 55, "Epothilones, a New Class of Microtubule-stabilizing Agents with a Taxol-like Mechanism of Action," pp. 2325-2333 (1995)

EXAMINER

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(Use several sheets if necessary)

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

Re	AA	Bollag, D.M., Exp. Opin. Invest. Drugs, Vol. 6(7), "Epothilones: novel microtubule-stabilising agents," pp. 867-873 (1997)
	AB	Chou et al., Proc. Natl. Acad. Sci. USA, Vol. 95, "Desoxyepothilone B: An efficacious microtubule-targeted antitumor agent with a promising in vivo profile relative to epothilone B," pp. 9642-9647 (1998)
	AC	Finlay, R., Chemistry & Industry, "Metathesis vs. metastasis: the chemistry and biology of the epothilones," pp. 991-996 (December 15, 1997)
	AD	Gerth et al., J. Antibiotics, Vol. 49, "Epothilons A and B: Antifungal and Cytotoxic Compounds from Sorangium cellulosum (Myxobacteria) - Production, Physico-chemical and Biological Properties," pp. 560-563 (1996)
	AE	Giannakakou et al., J. Biol. Chem., Vol. 27, "Paclitaxel-resistant Human Ovarian Cancer Cells Have Mutant $\beta$ -Tubulins That Exhibit Impaired Paclitaxel-driven Polymerization," pp. 17118-17125 (1997)
	AF	Grever et al., Seminars in Oncol., Vol. 19(6), "The National Cancer Institute: Cancer Drug Discovery and Development Program," pp. 622-638 (1992)
	AG	Höfle et al., Angew. Chem., Vol. 108(13/14), pp. 1671-1672 (1996) (translated portion stapled to top of this article)
	AH	Jordan et al., Med. Res. Rev., Vol. 18, "Tubulin as a Target for Anticancer Drugs: Agents Which Interact with the Mitotic Spindle," pp. 259-295 (1998)
	AI	Kowalski et al., J. Biol. Chem., Vol. 272(4), "Activities of the Microtubule-stabilizing Agents Epothilones A and B with Purified Tubulin and in Cells Resistant to Paclitaxel (Taxol®)," pp. 2534-2541 (1997)
	AJ	May et al., Chemical Communication, "Total synthesis of (–)-epothilone B," pp. 1597-1598 (1998)
	AK	Moasser et al., Proc. Natl. Acad. Sci. USA, Vol. 95, "Farnesyl transferase inhibitors cause enhanced mitotic sensitivity to taxol and epothilones," pp. 1369-1374 (1998)
	AL	Mühlradt et al., Cancer Research, Vol. 57, "Epothilone B Stabilizes Microtubuli of Macrophages Like Taxol without Showing Taxol-like Endotoxin Activity," pp. 3344-3346 (1997)
	AM	Nicolaou et al., Nature, Vol. 387, "Synthesis of epothilones A and B in solid and solution phase," pp. 268-272 (1997)
	AN	Nicolaou et al., Angew. Chem. Int. Ed., Vol. 36(19), "Designed Epothilones: Combinatorial Synthesis, Tubulin Assembly Properties, and Cytotoxic Action against Taxol-Resistant Tumor Cells," pp. 2097-2103 (1997)

EXAMINER

DATE CONSIDERED

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Group

AA	icolaou et al., Angew. Chem. Int. Ed., Vol. 37, "Chemical Biology of Epothilones," pp. 2014-2045 (1998)
AB	Nicolaou et al., Chemistry & Biology, Vol. 5(7), "Synthesis and biological properties of C12, 13-cyclopropyl-epothilone A and related epothilones," pp. 365-372 (1998)
AC	Su et al., Angew. Chem. Int. Ed., Vol. 36(7), "Total Synthesis of (–)-Epothilone B: An Extension of the Suzuki Coupling Method and Insights into Structure-Activity Relationships of the Epothilones," pp. 757-759 (1997)
AD	Su et al., Angew. Chem. Int. Ed., Vol. 36(19), "Structure-Activity Relationships of Epothilones and the First In Vivo Comparison with Paclitaxel," pp. 2093-2096 (1997)
AE	Wartmann et al., Proceedings of the Amer. Assn. for Cancer Res., New Orleans, March 28-31, 1998, Vol. 39, "In vitro and in vivo activity profile of the microtubule-stabilizing agents epothilone A and B," p. 163, Abstract #1118 (1998)
AF	Chou et al., Proceedings of the Amer. Assn. for Cancer Res., New Orleans, March 28-31, 1998, Vol. 39, "Pharmacologic comparison of epothilones and taxol," pp. 163-164, Abstract #1119 (1998)
AG	Wolff et al., Int. J. Oncol., Vol. 11, "Epothilone A induces apoptosis in neuroblastoma cells with multiple mechanisms of drug resistance," pp. 123-126 (1997)
AH	Fojo et al., Cancer Res., Vol. 45, "Reduced Drug Accumulation in Multiply Drug-resistant Human KB Carcinoma Cell Lines," pp. 3002-3007 (1985)
AI	Akiyama et al., Somatic Cell and Molecular Genetics, Vol. 11, No. 2, "Isolation and Genetic Characterization of Human KB Cell Lines Resistant to Multiple Drugs," pp. 117-126 (1985)
AJ	Meyer et al., Int. J. Cancer, Vol. 43, "A Derivative of Staurosporine (CGP 41 251) Shows Selectively for Protein Kinase C Inhibition and <i>In Vitro</i> Anti-Proliferative as well as <i>In Vivo</i> Anti-Tumor Activity," pp. 851-856 (1989)
AK	Bradley D., Drug Discovery Today, Vol. 2(3), "Race to displace Taxol," pp. 87-88 (1997)
AL	Cowden C., and Paterson, I., Nature, Vol. 387, "Cancer drugs better than taxol?", pp. 238-239 (1997)
AM	Höfle G. et al., Angew. Chem. Int. Ed. Engl., Vol. 35 (13/14), "Epothilone A and B - Novel 16-Membered Macrolides with Cytotoxic Activity: Isolation, Crystal Structure, and Conformation in Solution," pp. 1567-1569 (1996)
AN	König J., Pharmazeutische Zeitung, Vol. 142 (8) "Epothilon, ein neuer Wirkstoff gegen Krebs?" p. 35 (English translation attached)
	Mann J., Nature, Vol. 385, "Myxobacterial bounty," p. 117 (1997)

EXAMINER

DATE CONSIDERED

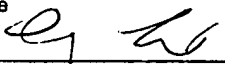
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. ON/4-30400B	Application No. 10/633,114
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Reilly et al.	
		Filing Date August 1, 2003	Group Art Unit 1614

(37 CFR §1.98(b))

## U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
al	AA	5,716,939	02/10/1998	Lundy et al.			
	AB	5,969,145	10/19/1999	Schinzer et al.			
	AC	6,020,315	02/01/2000	Bosslet et al.			
	AD	6,043,372	03/28/2000	Schinzer et al.			
	AE	6,121,029	09/19/2000	Schupp et al.			
	AF	6,156,905	12/05/2000	Schinzer et al.			
	AG	6,288,237	09/11/2001	Hoeftle et al.			
	AH	6,242,469	06/05/2001	Danishefsky et al.			
	AI	6,284,781	09/04/2001	Danishefsky et al.			
	AJ	6,300,355	10/09/2001	Danishefsky et al.			
	AK	6,348,551	02/19/2002	Fürstner et al.			
	AL	6,350,878	02/26/2002	Altmann et al.			
	AM	6,369,234	04/09/2002	Danishefsky et al.			
	AN	6,380,394	04/30/2002	Nicolaou et al.			
	AO	6,441,186	08/27/2002	Nicolaou et al.			
	AP	6,605,726	08/12/2003	Multzer et al.			
	AQ	6,613,912	09/02/2003	Hoeftle et al.			
	AR	6,660,758	12/09/2003	Nicolaou et al.			
	AS	6,828,340	12/07/2004	Danishefsky et al.			
	AT	6,831,076	12/14/2004	Hoeftle et al.			
	AU	US 2001/034452 A1	10/25/2001	Hoeftle et al.			
	AV	US 2003/0203876 A1	10/30/2003	Hoogevest			
	AW	US 2003/0203938 A1	10/30/2003	Nicolaou et al.			
	AX	US 2003/0220295 A1	11/27/2003	Vite et al.			
	AY	US 2004/0127432 A1	07/01/2004	Nicolaou et al.			
	AZ	US 2004/0142990 A1	07/22/2004	Hofmann et al.			

Examiner Signature 	Date Considered 10/14/05
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<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant <b>O'Reilly et al.</b>	
		Filing Date <b>August 1, 2003</b>	Group Art Unit <b>1614</b>

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>ae</i>	AAA	US 2004/0176429 A1	09/09/2004	Li et al.			
	ABB	US 2004/0253697 A1	12/16/2004	Julien et al.			
	ACC	US 2004/0260098 A1	12/23/2004	Danishefsky et al.			
	ADD	US 2004/087634 A1	05/06/2004	Hoefle et al.			

Examiner Signature <i>[Signature]</i>	Date Considered <i>10/14/05</i>
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>al</i>	AEE	DE 197 01 758 A1	07/23/1998	Germany (Abstract)				
	AFF	DE 197 13 970 A1	10/08/1998	Germany (Abstract)				
	AGG	DE 197 26 627 A1	12/24/1998	Germany (Abstract)				
	AHH	DE 198 21 954 A1	11/19/1998	Germany (Abstract)				
	AII	EP 0 941 089 B1	05/16/2001	Europe				
	AJJ	WO 98/08849	03/05/1998	WIPO				
	AKK	WO 98/22461	05/28/1998	WIPO				
	ALL	WO 99/42602	08/26/1999	WIPO				
	AMM	WO 99/43653	09/02/1999	WIPO				
	ANN	WO 99/59985	11/25/1999	WIPO				
	AOO	WO 99/66028	12/23/1999	WIPO				
	APP	WO 99/67252	12/29/1999	WIPO				
	AQQ	WO 99/67253	12/29/1999	WIPO				
	ARR	WO 00/00485	01/06/2000	WIPO				
	ASS	WO 00/31247	06/02/2000	WIPO				
	ATT	WO 01/83800	08/11/2001	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>al</i>	AUU	Avila, "The use of microtubule poisons on tumor cells," <i>Cancer Journal</i> , 10(6):315-318 (1997)
	AVV	Blasius et al., "Für Wissenschaft und Praxis," <i>Deutsche Apotheker Zeitung</i> , 138(46):54-69 (1998)
	AWW	Blum et al., "In vivo metabolism of epothilone B in tumor-bearing nude mice: identification of three new epothilone B metabolites by capillary high-pressure liquid chromatography/mass spectrometry/tandem mass spectrometry," <i>Rapid Commun. Mass Spectrom.</i> , 15:41-49 (2001)
	AXX	Bollag et al., "Epothilone, a new structural class of microtubule stabilizer," <i>Proc. Annu. Meet. Am. Assoc. Cancer Res.</i> , Vol. 36, Abstract 2711 (1995)
	AYY	Brandt et al., "Epothilones A and B are potent inducers of apoptosis," <i>Proceedings of the American Association for Cancer Research</i> , 39:140, Abstract 957 (1998)
	AZZ	Buck et al., "Epothilones, a New Class of Microtubule-Stabilizing Agents with a Taxol-like Mechanism of Action," <i>Chemtracts—Organic Chemistry</i> , 11(9):671-677 (1998)

Examiner Signature <i>al</i>	Date Considered <i>10/14/05</i>
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(37 CFR §1.98(b))			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
cel	AAAA	Chou et al., "Desoxyepothilone B is curative against human tumor xenografts that are refractory to paclitaxel," <i>Proc. Natl. Acad. Sci. USA</i> , 95:15798-15802 (1998)
	ABBB	Colburn et al., "Phase II study of single agent paclitaxel in adult patients with relapsed acute lymphocytic leukemia," <i>Investigational New Drugs</i> , 21:109-111 (2003)
	ACCC	"Epothilones Active Against Tumors by Blocking Cell Division," <i>Cancer Weekly</i> , pp. 22-23 (August 4, 1997)
	ADDD	Gensthaler, "Von Antitumorsubstanzen bis zu Pulverinhalatoren und Suramin," <i>Pharmazeutische Zeitung</i> , 143(49):42-45 (1998)
	AEEE	Hamel, "Antimitotic Natural Products and Their Interactions with Tubulin," <i>Medicinal Research Reviews</i> , 16(2):207-231 (1996)
	AFFF	Houlder, "Bones of a new cancer treatment," <i>The Financial Times</i> , p. 16 (May 15, 1997)
	AGGG	Kowalski et al., "Comparison of Novel Microtubule Polymerizing Agents, Discodermolide and Epothilone A/B, with Taxol," <i>Molecular Biology of the Cell</i> , Vol. 6, Abstract 2137 (1995)
	AHHH	Lavelle, "What's new about new tubulin/microtubules binding agents?" <i>Exp. Opin. Invest. Drugs</i> , 4(8):771-775 (1995)
	AIII	"Microbes create class of cancer fighters," <i>Biotechnology Newswatch</i> , p. 10 (August 4, 1997)
	AJJJ	"Neue krebshemmende Substanz entdeckt," <i>Lebensmittel &amp; Biotechnologie</i> , 13(3):102 (1996)
	AKKK	Schackert, "Neue Hoffnung durch Epothilone," <i>Deutsche Apotheker Zeitung</i> , 137(47):37-38 (1997)
	ALLL	Schinzler et al., "Epothilone: neue Wirkstoffe gegen Krebs," <i>Spektrum der Wissenschaft</i> , pp. 38-43 (August 1997)
	AMMM	Schultz et al., "Bringing biological solutions to chemical problems," <i>Proc. Natl. Acad. Sci. USA</i> , 90:14590-14951 (1998)
	ANNN	Service, "Tumor-Killer Made; How Does It Work?" <i>Science</i> , 274(5295):2009 (1996)
	AOOO	Wessjohann, "Epothilones: Promising Natural Products with Taxol-Like Activity," <i>Angew. Chem. Int. Ed. Engl.</i> , 36(7):715-718 (1997)
	APPP	Woo et al., "Phase I Targeted Systemic Exposure Study of Paclitaxel in Children with Refractory Acute Leukemias," <i>Clinical Cancer Research</i> , 5:543-549 (1999)

Examiner Signature 	Date Considered 6/17/05
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